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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		<i>Attorney Docket No.</i>	15308US01
		<i>First Inventor</i>	Christian Lutkemeyer
		<i>Title</i>	Hardware Efficient Implementation Of Finite Impulse Response Filters With Limited Range Input Signals
		<i>Express Mail Label No.</i>	EV 331533878 US

031356 U.S. PTO  
10/774151020504  


<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i>		a. <input type="checkbox"/> Computer Readable Form (CRF)	
-Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure		b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper	
		c. <input type="checkbox"/> Statements verifying identity of above copies	
<b>ACCOMPANYING APPLICATION PARTS</b>			
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113)      [Total Sheets 3]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))	
5. Oath or Declaration      [Total Sheets 3]		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney	
a. <input checked="" type="checkbox"/> Newly executed (original or copy)		11. <input type="checkbox"/> English Translation Document (if applicable)	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		17. <input type="checkbox"/> Other: .....	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  
 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....

*Prior application information:*      Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number:	23446		<b>OR</b>	<input type="checkbox"/> Correspondence address below
Name				
Address				
City		State		Zip Code
Country		Telephone	312-775-8000	Fax
Name (Print/type)	Frederick T. French, III		Registration No. (Attorney/Agent)	52,524
Signature			Date	February 5, 2004

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1714 U.S.P.T.O.

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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## FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$864.00)

Complete if Known	
Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Christian Lutkemeyer
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	15308US01

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center; padding: 2px;">13-0017</td></tr> <tr><td style="text-align: center; padding: 2px;">McAndrews Held &amp; Malloy</td></tr> </table> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  <input type="checkbox"/> Applicant claims small entity status.  See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		13-0017	McAndrews Held & Malloy	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code</th> <th style="text-align: left;">Small Entity Fee Code</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1510</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td></tr> <tr><td colspan="2">Other fee (specify)</td><td></td><td></td></tr> <tr><td colspan="2">SUBTOTAL (1) (\$770.00)</td><td></td><td></td></tr> <tr><td colspan="2">2. 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Fredrick T. French <i>[Signature]</i>	Registration No. (Attorney or Agent)	52,524
Signature		Telephone	312-775-8000
		- Date	February 5, 2004

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